



JBL LEGEND CP100

A New HARMAN Aftermarket Head Unit for all vehicles

The Connected Car penetration is at 4.4% in 2016 and is expected to hit 16.1 % in 2020¹ (a vehicle is considered "connected" if it was designed in the factory to have direct access to the Internet). Consumers without the latest connectivity enabled vehicles have a desire to access today's features in their older vehicles. In order to meet the demands of such consumers, HARMAN offers a touch-screen aftermarket head-unit that allows the consumer to update their vehicle and add Apple CarPlay or Android Auto.

Drive Safe. Drive Smart. Drive Connected.

The JBL Legend CP100 in-dash smart phone receiver from HARMAN upgrades your 2-DIN system to a 6.75" touch screen connected car experience. The JBL Legend CP100 is Bluetooth enabled, has a rear camera input, is steering wheel interface ready and provides turn-by-turn navigation through Android Auto and Apple CarPlay. Making calls, sending messages, finding directions, playing music and navigating all become easier, safer and more intuitive using the JBL Legend CP100. You get traditional AM/FM and smart phone connectivity in one package with a simple, clean interface. The inclusion of a voice recognition button, which works with Google Now and Siri, is a nice addition for cars that lack a dedicated button for voice commands on the steering wheel.

- Attractive entry-level price point \$399 (Retail price)
- Simple User Interface – leverage smartphone UX
- Foundation as platform for value-add applications

With JBL CP100, any vehicle can be connected.

Top-line Benefits

- Simple, easy, fast and friendly
- Acts as an excellent accessory to mobile phones via USB port
- Great value offered at a very attractive price
- Supports Apple CarPlay, Android Auto and basic audio features
- Bluetooth hands-free phone calls and one-touch voice command support via smartphone

Starts at \$399

Product Specifications

- 6.75" Touch Capacitive Screen
- AM/FM Tuner with RDS
- Rear USB 1.0 AMP charging
- Rear Camera Input (composite)
- Steering Wheel Interface ready (ASWC ready)
- Bluetooth 4.0 HFP, AVRCP, A2DP, SPP, SSP
- Supports Apple CarPlay
- Supports Android auto
- White illumination buttons
- 2 Pre-Amp Outputs (Full Range F + R)
- "Push to Talk" Button SIRI, Google Voice
- IMX6 Processor

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Advance Information: Subject to change

Features and Benefits

TECHNICAL SPECIFICATIONS

Display

Screen Size	6.75"
LCD Type	TFT active matrix
Pixels	1,152,000 (800 x 480 x 3 (RGB))
Illumination	LED

FM Tuner

Frequency range	87.7 – 107.9 MHz
Sensitivity	11 dBf (0.8 uV/75 ohms)
SNR	60 dB

General

Power Requirement	14.4V DC 11 – 16 V allowable
Operating Temp	20C to +85C (-4F to 185F)
Power Output	20 W RMS x4

Chassis

Width	178 mm (7")
Height	100 mm (3.94")
Depth	142 mm (5.6")
Weight	1.5 kg (3.3 lbs)

Primary amplifier ratings per CEA-2006 standard

Power output:	measured at 4 Ohms and < 1 % THD+N
S/N:	107 dba (reference: 1W into 4 Ohms)
Audio Output Level	
Preout (front, rear)	2V/10k ohms (max)
Rear View Camera	Composite video

USB

USB Standard	USB 1.1/2.0
Max current supply	1.0 A
USB class	Mass storage class
File system	FAT 16/32, NTFS
File playback	MP3

AM Tuner

Tuning	530 – 1,170 kHz
Sensitivity	25 uV /20 dB

Bluetooth

Version	Bluetooth 3.0
Output power	+4 dBm Max. (Power class 2)

Works on Android and iOS devices

- Compatible with Apple CarPlay and Android Auto
- Smartphone navigation, music and calling can be used safely with both Android and iOS devices

Bluetooth Hands-Free Communication

Make and take phone calls as well as manage contacts and dial directly from your phonebook

Enjoy your favorite music anywhere, anytime

Provides complete control and playback of music files on the driver's smartphone

USB Input

The USB input can be used to playback music files from a USB stick with complete navigation of your content

Back-up camera compatible

Drive safer with more visibility through back-up camera input

Keep your existing Steering-wheel controls

Unlike many head unit upgrades available, the CP-100 can be connected to your existing steering wheel controls using a third-party interface

Partner with an industry expert

HARMAN International is a wholly-owned subsidiary of Samsung Electronics Co., Ltd. focused on connected technologies for automotive, consumer and enterprise markets.

HARMAN (harman.com) designs and engineers connected products and solutions for automakers, consumers, and enterprises worldwide, including connected car systems, audio and visual products, enterprise automation solutions; and services supporting the Internet of Things. With leading brands including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon®, Mark Levinson® and Revel®, HARMAN is admired by audiophiles, musicians and the entertainment venues where they perform around the world. More than 50 million automobiles on the road today are equipped with HARMAN audio and connected car systems. Our software services power billions of mobile devices and systems that are connected, integrated and secure across all platforms, from work and home to car and mobile. HARMAN has a workforce of approximately 30,000 people across the Americas, Europe, and Asia. In 2017, HARMAN became a wholly-owned subsidiary of Samsung Electronics Co., Ltd.



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